

# Anastasia Iskaliyeva

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<https://anastasia1707.github.io/>

Data Science graduate student with 7+ years of experience in economic research, skilled in **Python, R, SQL, Tableau**, and passionate about applying **advanced statistics** and **machine learning** to real-world challenges

## Education

**Master of Data Science**, December 2025

University of California, Irvine, CA, USA

GPA 3.43

**Master of Economics**

Lomonosov Moscow State University, Moscow, Russia

GPA 3.58

**Bachelor of Economics**

Lomonosov Moscow State University, Moscow, Russia

GPA 3.69

## Experience

**Research-Analyst at National Analytical Center**

2012 - 2018, Astana, Kazakhstan

- Conducted data-driven analysis to identify strategic development approaches for key industries within the Kazakhstan economy ([publication](#))
- Developed data-backed recommendations for policymakers on long-term socio-economic development, leveraging statistical and econometric models
- Applied global value chains framework to perform quantitative analysis of Kazakhstan's wheat industry, providing actionable insights for business support measures ([publication](#))

**Research-Analyst at Economic Research Institute**

2010 - 2012, Astana, Kazakhstan

- Conducted macroeconomic research, employing regression analysis, panel data analysis, and statistical analysis

## Projects

**Machine Learning for Predicting Piano Fingering**

<https://github.com/Anastasia1707/piano-fingering>

Developed a machine learning model to predict optimal piano fingering for musical scores

**Analyzing the Impact of External Debt on Economic Growth**

[https://github.com/Anastasia1707/debt\\_and\\_gdp](https://github.com/Anastasia1707/debt_and_gdp)

Developed an economic growth model based on IMF research to assess the relationship between external debt and GDP using Python, World Bank data, and ARIMAX time series modeling

## Certifications and Trainings

Certified Tableau Desktop Specialist, 2024

Database Management and SQL, IVC, 2023

Python Programming, IVC, 2019